

FOLIO

R. Norman Jones and Department of Chemistry Connect

R. Norman Jones is to be a Distinguished Visitor to the Department of Chemistry during the period September 1982 to June 1983. During the fall term he will present a course entitled, "Analytical Applications of Vibrational Spectroscopy" on Tuesdays and Thursdays from 9:30 to 10:50 a.m. During his visit he will pursue his research interests in infrared spectroscopy and instrumentation, in the laboratory of J.E. Bertie, and he will write a textbook on the subject of his course.

Dr. Jones was born in Manchester, England, and took his BSc, MSc, and PhD degrees from the University of Manchester. After working with L.F. Fieser at Harvard for five years and teaching at Queen's University, he joined the staff of the National Research Council of Canada in 1946 and remained until 1978. He has most recently been Guest Professor at Tokyo Kogyo Daigaku, The Tokyo Institute of Technology, where his initial two-year appointment was, in an unprecedented move by the authorities, extended for a third year.

Dr. Jones's Organic Spectrochemistry laboratory at NRC was one of the world's universally-known laboratories. He has been involved with chemical infrared spectroscopy since the birth of the subject. He contributed greatly to its development in the early years, prior to about 1955, and since 1965 he has been a leader in the development of absolute standards. These standards will enable spectra that are recorded in one laboratory to be precisely reproduced in other laboratories.

Dr. Jones was Chairman of the Molecular Spectroscopy Commission of the International Union of Pure and Applied Chemistry from 1967 to 1971 and has served on working committees of this commission for the past twenty years or more. Through this commission, he has made major contributions to the publication of secondary standards for frequencies of infrared radiation, which now enable infrared spectrometers to be calibrated very easily to measure such frequencies to the full accuracy that their design allows. From 1965 to 1972 he saw the advantages that would accrue from the combination of a small computer and an infrared spectrometer, and became one of the first people in the field of spectrochemical analysis to actively explore the possibilities and problems. In this connection he was, from 1967 to 1975, secretary to the task group on the use of computers of the Committee on Data in Science and Technology of the International Council of Science Unions.

The coupling of a computer with a spectrometer enables numerous corrections to be made to infrared spectra. These corrections are necessary to remove instrumental artifacts and to turn spectra into absolute standards that are reproducible around the world. Dr. Jones's group has, since 1968, written a set of computer programs to effect these corrections. The programs are used and known worldwide.

From 1968 to 1978, his group has made use of this ability to correct spectra, by developing

improved methods to determine absolute infrared absorption intensities and the fundamental physical quantities which determine the interaction of infrared radiation with matter, the infrared optical constants. These quantities are so difficult to measure that very few scientists try to. Only experienced scientists can do it successfully, and, in spite of their fundamental and practical importance, very few have been reported. Since 1976 Dr. Jones has published valuable additions to the small list of molecular compounds whose infrared optical constants are known.

In addition to this extensive work in infrared spectroscopy, Dr. Jones has an extensive reputation for the complementary field, Raman Spectroscopy, particularly of complex organic molecules, in which he worked during the period 1953 to 1960. In 1955 he co-authored an article with Camille Sandorfy, "The Application of Infrared and Raman Spectrometry to the Elucidation of Molecular Structure" pp. 247-563 in *Chemical Applications of Spectroscopy*, Part II, Volume 9 of *Technique of Organic Chemistry*, A. Weissberger Ed., Interscience, which was a standard work until after 1970 for the practising organic chemist.

After this description of his achievements it is not surprising, but is still impressive, to learn that he has authored more than 200 scientific publications. He has been awarded Doctor of Science degrees by the Universities of Manchester and Poznan and by Tokyo Kogyo Daigaku, and his

value to the scientific community has been recognized in the usual way for the past thirty years, by invitations to speak, teach, and participate, that are far too numerous to detail. He is a Fellow of the Royal Society of Chemistry, the Royal Society of Canada, and the Chemical Institute of Canada, and an Honorary Member of the Spectroscopy Society of Canada, and has been awarded the Pittsburgh Spectroscopy Society Prize, the Fisher Award in Analytical Chemistry by the Chemical Institute of Canada, and the Herzberg Prize of the Spectroscopy Society of Canada.

Of particular note have been his dedication and contributions to scientific societies and to the systematic evaluation and documentation of collections of scientific facts, so that they are accepted by, and readily available to, the international scientific community.

Dr. Jones will be accompanied by his wife, Magda, who will continue the English language editorial work for the Japanese chemical journals that was started while she was in Japan. When not at work Dr. and Mrs. Jones will enjoy the opportunity to visit the family of their son David, who has been Assistant Science Librarian since 1980. □

Attention FOLIO Readers

The Office of Community Relations is now open during lunch hour, from noon to 1 p.m. for the receipt of advertisements. Regular office hours are from 8:30 a.m. to noon and 1 to 4:30 p.m.

Bloom

Premier Peter Lougheed officiated at a sod-turning ceremony on 30 August for Athabasca University's first permanent building. Among accompanying dignitaries was Peter Savaryn, our University's new Chancellor.

The university's building site is set in natural forest on approximately 480 acres of high land which borders the Muskeg Creek Ravine in the town of Athabasca, 145 kilometres north of Edmonton.

Unique in Canada as the only university dedicated solely to distance education, Athabasca University has never had permanent facilities. It has operated out of rented quarters in Edmonton, with regional offices in Calgary and Fort McMurray.

Last spring, the Alberta government announced funding approval for construction of permanent facilities for the university in Athabasca. In making the announcement, Jim Horsman, Minister of Advanced Education and Manpower, said, "This funding approval is evidence of the government's continuing support for the concept and permanence of distance learning as part of the advanced education system."

FOLIO

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The preliminary design calls for a building of 11,975 gross square metres at an estimated construction cost of \$18,330,000, with another \$2.4 million required for site development.

Site-clearing operations for the university will commence immediately. A construction start is scheduled for early next spring with substantial completion of the project by the summer of 1984 and occupancy by the fall of 1984.

With the university's move to Athabasca, it will become Canada's most northerly-situated university. Close to the 55th parallel, it will be located in the geographic centre of Alberta. □

... and Gloom

At the Atlantic Institute of Education, the Haligonian stare is now the Haligonian glare. As Friday, 20 August was winding down, the institute's administrators were told that the Nova Scotia Government was withdrawing its funding support of the twelve-year-old institute. It is the first time that a degree granting institution in Canada has been closed due to the withdrawal of provincial financial support.

"Shafted" and "treated shabbily" were the words used by John Knight, the institute's Communications Officer, to express his dismay at the decision.

The institute was still open when *Folio* contacted Mr. Knight on 30 August. "We don't know when it will close; although funding has been cut, the payroll is intact for the time being," Mr. Knight said. Ongoing activities at the institute include various contract research projects and a number of thesis advisors are on contract.

Sixty-nine students are enrolled at the institute, fifty-one of whom are taking the Open Access Study Plan.

The institute has a full-time faculty of twelve and is, Mr. Knight believes, the smallest of

the degree-granting institutions in Nova Scotia.

"It's a political decision," he said of the move which would save the province about \$940,000. A committee of the institute's Board of Governors will seek to hold a meeting with the Nova Scotia Cabinet, he added.

The Atlantic Institute of Education was founded in 1970 by the Nova Scotia Legislature. The first BEd degrees were awarded in 1972 jointly with universities in the region. The institute, which operated on a year-round basis, awarded its first MEd degrees in 1974. □

Student Access Centre Open

A newly developed facility that centralizes services and the distribution of information for prospective and enrolled students on behalf of the entire Registrar's Office has been established at The University of Alberta.

Located on the main floor of the Administration Building, the Student Access Centre makes available to students information from the three main areas of responsibility handled by the Registrar's Office: the Admissions Policy, Evaluation and Liaison Division; the Admissions/Records Coordinating Division; and the Examinations and Timetabling Division.

A wide variety of information

brochures is available from the Access Centre, including Prospective Student Handbooks, Admission Requirement brochures, Faculty handouts and numerous application forms.

"We saw a real need to have one single point where students could come with their questions," explains Lorne Gunter, Acting Admissions Officer. "The Access Centre staff have a solid background of information to help them answer questions. And they can also direct students with very specific questions to the right places for answers."

The Access Centre is open from 8:30 a.m. to 4:30 p.m. Monday to Friday. □

Breast Cancer the Focus of International Symposium

A major international symposium on the fundamental problems in breast cancer will take place in Alberta. Jointly organized by the Breast Unit of the Cross Cancer Institute and the Division of Oncology at The University of Alberta, the symposium will be held at the Jasper Park Lodge, 17 and 18 September.

The symposium will integrate scientific and clinical disciplines, and focus on a series of key problems related to breast cancer. Registrants are expected from all parts of the world. The program will include presentations from invited speakers as well as oral presentations of submitted abstracts received from physicians from the United Kingdom,

Japan, Italy, Sweden, the United States, and Canada.

Topics to be dealt with are wide-ranging and include the etiology of breast cancer, the natural history of breast cancer, control mechanisms, and diagnosis and treatment.

The symposium has been scheduled to follow on the heels of the 13th International Cancer Congress which will be held in Seattle from 8 to 15 September. Such scheduling will allow participants sufficient time to travel to Jasper in time for a Thursday evening registration and reception.

Chairman of the symposium is A.H.G. Paterson of the Breast Unit of the Cross Cancer Clinic. □

University Bids Farewell to Bruce Peel

If there are still those who believe that the life of a librarian is a dull one, they have yet to meet Bruce Braden Peel. Mr. Peel, Chief Librarian to The University of Alberta for more than twenty-five years, retired on 31 August. His retirement marks the end of an era for the University Library. It was an era of challenge, of frustration, and of reward ... but it was in no sense dull.

Mr. Peel came to the University in 1951, after five years as Canadiana Librarian at the University of Saskatchewan. He came as Chief Cataloguer, and his first assignment was the reclassification of the entire Library collection. The move from the outdated Cutter scheme to the Library of Congress classification system was a massive one but it went smoothly, thereby establishing Mr. Peel's reputation for excellence.

In 1954 the University of Toronto tried to lure him away, but The University of Alberta, not about to let him go, offered him the position of Associate Librarian. "The first thing I had to do was prepare a budget," recalls Mr. Peel with a smile. "I had no notion of how to do that, but we seemed to manage." Manage he did. Under his direction (he was made Chief Librarian in 1955 when Marjorie Sherlock retired after ten years at the helm), Library holdings have increased more than ten-fold. Under his direction, money was built in to the University budget for Library acquisitions (prior to 1959 the only money available for the purchase of books came from a Library fee levied on all students). And, under his direction, Library staff increased from thirty-two to more than 360.

"We had a real staffing crisis in the '60s," says Mr. Peel. "At one point the whole University was so desperate for staff that we went to Great Britain to recruit. And I have been forever grateful that one outcome of the trip was the arrival at our University of the Gutteridges. (Leslie



Bruce Peel (right) and his wife, Margaret, admire the water color by Robert Hurley that was presented to him at his retirement party. "If I had known thirty years ago that you were going to give me a Hurley, I could have saved you a lot of money," quipped a delighted Mr. Peel, referring to his long-time association with the well-known Saskatchewan artist. Other gifts presented to Mr. Peel included a new "antique" clock complete with a sketch of the University of Saskatchewan building in which he worked; and an IBM typewriter, a gift that Library staff presented to him at a second retirement party held in his honor. With Mr. and Mrs. Peel are Dennis Noden (left) and Geoff Turner, Associate Librarian.

Gutteridge was for many years the Rare Books Librarian. He and his wife, Norma, are recognized as prime movers behind the creation of The University of Alberta Press, which Mrs. Gutteridge currently directs.)

Mr. Peel is known across campus as a man who loves books, and a man with a keen interest in people. On the rare occasion when he has a chance to sit and reflect on his years at the University, he is full of stories about the Library, and its people. To wit:

• "I arrived on campus when Rutherford Library was just two weeks old. Everybody was thrilled ... we just couldn't believe that there could ever be a better library facility."

• "I think that I'm the only University Librarian in the country who has been hanged and

burned in effigy. As I recall, I angered the law students somehow ... but the hanging was quite undeserved, I assure you."

• "The original plans for what is now Cameron Library were done years ago, on canvas. Well, one day, Tim Cameron (now Dean of Medicine) decided that his tree house needed a new roof ... needless to say, we don't have the original canvas plans anymore."

• "Our facilities and holdings expanded so dramatically during the '60s that we were the marvel of university libraries all across North America. Our Library may never be as big as some (it is currently the third largest university library in Canada), but our collection is a new one, a relevant one ... and I predict that we'll become the most important University library in the country."

• "The Library was once charged with racial discrimination in connection with hiring of staff. It was a total misunderstanding, and we were completely exonerated. But it hurt, nonetheless, because we were so proud of the efforts we made in our hiring policy."

• "What am I most proud of? I guess that I would like to be known as the man responsible for adding the two millionth book to the Library. The future of the Library will certainly include the move towards automation, but there will never, in our lifetimes, be a library without books and I'm proud to be able to claim at least some of the credit for the fine collection that we've developed."

It would appear that Mr. Peel's pride in his achievements is more than justified. His retirement party, held at the Faculty Club

on 17 August, was attended by several hundred well-wishers from all areas of the University community. The tributes were many, and heartfelt.

Dr. Horowitz praised Mr. Peel for his tireless efforts on behalf of the University Library, and announced that in honor of Mr. Peel the Library's Special Collections would hereafter be housed in the Bruce Peel Special Collections Room. He also announced that Dean's Council had approved the awarding of the title Librarian Emeritus upon Mr. Peel.

Walt Gainer, Chairman of the GFC Library Committee, added his praise. "We as academics can do nought else but express our gratitude for your outstanding contributions to the Library."

H.R. Thornton, Chairman of the Library Committee that hired Mr. Peel, said that the most important decision his committee ever made was appointing Mr. Peel Chief Librarian. "The

rightness of our decision has been demonstrated time and time again for nearly thirty years," he said.

Dennis Noden, Assistant Librarian, Technical Services, and long-time friend of Mr. Peel, presented him with gifts and best wishes from the entire University community.

And what does the future hold for a retired Librarian? "I'll likely do quite a bit of writing," says Mr. Peel. "I'm working on a draft article on an ancestor of mine who was charged with high treason during the Riel Rebellion. He's a footnote in Canadian history and quite fascinating. I'll likely to another update on my bibliography (*A Bibliography of the Prairies Provinces to 1953*). And of course, now that I'm Librarian Emeritus, I get an office and a Library card. Whatever happens, you haven't seen the last of me yet."

And that, Mr. Peel, is to the benefit of The University of Alberta. □

Faculty Women's Club Nearing Half Century Mark

The 75th Anniversary of The University of Alberta, 1982-83, marks the 49th year of activities of the Faculty Women's Club. The new season will begin with an Open House Tea for membership registration to be held at University House on 11 September from 1 to 4 p.m. All eligible women associated with the University are cordially invited to attend.

The club is open to women of the various Faculties, wives of faculty members and wives of administrative and professional officers, post-doctoral fellows, and research associates.

There will be an opportunity at the Open House Tea for members to join interest groups where new friendships may be made and/or old friendships renewed. In the thirty groups the interests range from art to quilting, from bridge to fitness and cross-country skiing.

Also planned for the new academic year are: a fall luncheon

with guest speaker (21 October), Barn Dance Night Out at the Red Barn (13 November), Conveners' Dinner (26 January), Games Night (9 February), and the Annual General Meeting at the Faculty Club (20 April).

The Executive Committee for 1982-83 is: Honorary President, Barbara Horowitz; President, Jackie Phillips; Past President, Shirley Larke; Vice-President, Dorothy Ayer; Membership Secretary, Pat Pier; Membership Committee, Muriel Harriet, Ruth Field; Recording Secretary, Pat Reschenthaler; Correspondence Secretary and Publicity, Lee Andrew; Treasurer, Helen Otto; Social Convener, Dorothy Alderman; Social Committee, Vi Moskalyk, Carol Lockwood; Newsletter Editor, Margaret Dossetor; Assistant Newsletter Editor, Sarah Nyland; Honorary and Life Members, Helen Pierce; Publisher, Eve Gardner. □

Tidy Sums For Industry, Universities

Industry and universities can expect some thirty-nine percent of all federal science funding during fiscal 1982-83, reports *Science Notes*, a quarterly publication of the Ministry of State for Science and Technology.

Industry is budgeted to receive \$483 million, 15.8 percent more than the previous year. Universities are scheduled for support of \$441 million, a thirteen percent increase. □

Support Urged for Terry Fox Run

The second annual Terry Fox Run will be held in communities across Canada on 19 September. Jointly sponsored by the Canadian Cancer Society, the Canadian Track and Field Association, Fitness and Amateur Sport Canada, and the Four Seasons Hotels, the run is currently scheduled to take place in at least sixty-four different locations in Alberta.

The run has received the public endorsement of Alberta Advanced Education and Manpower. In a letter to the provincial coordinator of the run, Jim Horsman, Minister of Advanced Education and Manpower, encourages students and staff "of all of Alberta's public institutions of advanced education to support the Terry Fox Run in their respective local

communities. I am sure that Albertans will give their strong support to this annual event which honors the memory of Terry Fox who, despite adversity, provided an extraordinary example of dedication and commitment to the service of others."

The Edmonton Terry Fox Run will start at 1 p.m. in Rundle Park. The ten kilometre run will be the highlight of an afternoon of activities which includes the showing of the Terry Fox film. Pledge cards for the run can be obtained from any branch of the "Y." More information on the Terry Fox Run may be obtained by contacting Cheryl Mack, Alberta Track and Field Association, 458-8688 or Fred Griffis, Canadian Cancer Society, 429-2662. □

Locker Rooms Closed Temporarily

The final phase of reconstruction in the East and West Pool areas has begun, and with it has come the need to close both the men's and women's locker rooms.

In an open letter to all locker room users, Geoff Elliott, Assistant to the Dean of Physical Education and Recreation, has expressed thanks for "the patience and good will that you have shown over the past month."

The locker rooms were closed on 29 August. Mr. Elliott is hopeful that limited use of the

showers and locker rooms will be restored by mid-September. "It is difficult to project a final opening date," says Mr. Elliott, "but we hope that you will agree that the new surroundings you will be returning to are an improvement."

In reiterating his plea for patience and his thanks for cooperation, Mr. Elliott suggests that anyone with queries or suggestions concerning the renovation of the locker room facilities should contact the equipment room staff. □

Academic Staff Invited to Consumer and Corporate Affairs Presentation

Alberta Consumer and Corporate Affairs invites academic staff members to attend the audio-visual presentation "Helping You to Reach Out."

The presentation will take place on 21 September from 10 to 11 a.m. in the Resource Centre (main floor), Garneau Professional Centre, 11044 82 Avenue. Materials and resources selected for use by adult educators will be covered as will

such topics as "Money Management," "Consumer Rights and Responsibilities," "Buymanship," (a Consumer and Corporate Affairs-coined word) and "Consumer Coping Skills."

Complimentary copies of all printed material will be available and refreshments will be served.

Academic staff are asked to RSVP by 10 September. Telephone 427-5215. □

UNESCO Publications Exhibit

All display is no display, goes the old advertising principle. The University Library's exhibition of UNESCO (United Nations Educational, Scientific and Cultural Organization) publications will avoid the pitfall quite nicely, which is not to indicate that the exhibition will be small scale. Far from it. As part of a worldwide series of exhibitions of UNESCO printed materials, some 300 titles including reference works, books, periodicals, scientific maps, and information documents will be displayed.

The exhibition will run from 17 September to 1 October in Rutherford Library North, second floor entrance.

Among the many fields to be represented are education, natural and social sciences, culture, communication, ecology, human rights, and information and

computer sciences.

All material has been sent to the University free of charge by the UNESCO Press. At the close of the exhibition, the Library will take possession of the collection.

Over the past thirty-five years UNESCO has published a large number of works and almost every day new titles appear in different languages on topics in education and other fields. The publications, says Press Director Asher DeLeon, present the vital ongoing exchanges of ideas among thinkers the world over on many of the major issues of our times.

The static display will be staffed and open for viewing from 8:30 a.m. to 9:30 p.m. Monday to Thursday, from 8:30 a.m. to 6 p.m. Friday, from noon to 5 p.m. Saturday, and from 1 to 5 p.m. Sunday. □

Corrections

In *Folio* of 19 August it was stated that the new Centre de l'Education Permanente which operates out of the Faculte Saint-Jean is being sponsored by the Faculte. In fact, sponsorship for the Centre comes from Le Fonds Saint-Jean, the group responsible for funding the initial report on the need for expansion of courses in French in Alberta. The

Director of the Centre, Lucie Douville, was hired by Le Fonds Saint-Jean.

The academic schedule for 1982-83, published in *Folio* of 15 July, noted that Reading Week was scheduled for 15 to 21 February. In point of fact, Reading Week will be observed 21 to 27 February. □

Views on the Education of Gifted Children Wanted

Input from individuals and organizations is being sought by the task force on gifted and talented children.

In January 1982 the Minister of Education, David King, established a task force with the mandate to define gifted and talented students (grades 1 to 12); examine, evaluate and compile information on programs and services for these children; and to determine appropriate ways to serve Alberta's gifted and talented students.

The task force requires input to ensure that recommendations to the Minister also reflect community interests and concerns.

In providing views about the education of gifted and talented children contributors might describe successful program models, and/or identify the major interests and concerns of gifted and talented students in Alberta.

Responses are to be submitted by 30 September 1982 to: Task Force on Gifted and Talented Students, Alberta Education, Special Educational Services, 5th Floor West Devonian Building, 11160 Jasper Avenue, Edmonton, Alberta, T5K 0L2. Telephone (403) 427-2939. □

people

Herbert Coutts (Professor Emeritus, Education) and *Gordon Peacock* (Drama) each chaired a session at the Annual National Conference of the Canadian Speech Association held on campus 19 to 22 August.

John King-Farlow (Philosophy) has been appointed to the Organizing Committee for 1982-83 of the XVIIth World Congress of Philosophy at Montreal.

Folio accepts display advertising

Size and rates: the basic unit size is 21 agate lines x 11 picas (1½" x 1⅞"). The full page is divided into 22 such units, any combination of which is available at a cost of \$15 per unit. Half page costs \$165. One column costs \$82.50. A professional/business card unit is available at a cost of \$30. Discounts are offered for extended runs, please enquire.

Other specifications: half-tones (100-line screen or less) are acceptable; no colour or bleeds. Camera-ready copy is necessary. There is a charge of 30c per word for typesetting, and \$7.50 for adjustment of design work. Deadline for submission is one week prior to publication (Thursday, 3 p.m.). Acceptance of advertisements and positioning are at the discretion of the editor.

These rates are effective from 1 January 1981. For more information please telephone 432-2325 and ask about *Folio* display advertising or write to:

Folio Display Advertising
Office of Community Relations
423 Athabasca Hall
The University of Alberta
Edmonton, Alberta
T6G 2E8

Jean Robertson (Elementary Education) has been named as a member of the Long-Range Planning Committee of the International Reading Association. The association, with 65,000 members worldwide, is a non-profit education organization devoted to the improvement of reading instruction and promotion of the lifetime reading habit. Its members include reading teachers, researchers, administrators, reading specialists, and others interested in reading education around the world.

On 19 June 1982, **Helen Liebel-Weckowicz** (History) read a paper entitled "Herder and the Legacy of Odin" at the annual meeting of the American Association of Baltic Studies in St. Paul, Minnesota. She also presided over a panel on "New Perspectives in Baltic History" at the same conference.

publications

Plambeck, James A.
(Chemistry): *Electroanalytical Chemistry: Basic Principles and Applications*, John Wiley, N.Y., 1982. 404 p.

King-Farlow, John, and Hunt, David W. (Philosophy): *Perspectives on the Fall of Man. The Scottish Journal of Theology* 35, No. 2, pp. 193-204.

Library Card Distribution and Revalidation

7 to 10 September — 0900-1600
13 to 17 September — 0830-1630
20 to 24 September — 0830-1630

*Norma Freifield Reserve Reading Room
Cameron Library*

From 27 September on, cards will be available from the Circulation Services Office, 2nd floor, Cameron Library.

Note: Registration must be completed before a library card can be issued or revalidated.

Hasan, Ashraful (Political Science), **Burton, Bruce, et Soderlund, W.C.:** *Qui Sont Nos Ennemis? Qui Sont Nos Amis? La Presse Pakistaniase et Ses Perceptions des Attitudes et Politiques de Quatre Grandes Puissances, 1958-1965. Etudes Internationales* Vol. XIII, No. 2, Juin 1982.

service information

All information to be included in this column must reach the Office of Community Relations by 9 a.m. the Thursday prior to publication.

Coming Events

Exhibitions

Ring House Gallery

Until 3 October "O! Osiris, Live Forever!" An exhibition on the scientific investigation of mummification. The exhibit is jointly organized by University Collections and Manchester University Museum, England.

Special Collections

Until 1 October: "Pulps, Paperbacks and Popular Fiction." A visual history of the mass marketing of literature from Dickens to Lawrence using pictorial covers, dust jackets, and other material from Special Collections.

SUB Theatre

5 September, 3 p.m. The CBC presents "Super Variety Live" — a one hour special to be televised at a later date. Tickets available at the CBC by calling Debbie Mills at 469-2321.

Films

13 September, 8 p.m. "Chariots of Fire."

14 September, 8 p.m. "Conan, The Barbarian."

15 September, 8 p.m. "A Clockwork Orange" and "The Shining."

Non-Credit Courses

Faculty of Extension

Fitness for the Older Adult

Date: Starts 20 September. Fee: \$30 for 20 classes. Telephone: 432-2015.

Conditionnement Physique et Bien-Etre

Date: Starts 20 September. Fee: \$50 for 20 classes. Telephone: 432-2015.

Gentle Stretch for Better Health

Date: 2 October. Fee: \$40. Telephone: 432-2015. An introduction to the concept and practice of exercise through physical movements to suit individual needs.

Hatha Yoga Practice and Philosophy

Date: 15, 16, 17 October. Fee: \$100. Telephone: 432-2015. This is an advanced level course.

Computing Services

Client Training Sessions

Computing Services is taking registrations between 8:30 a.m. and noon for the following non-credit courses. For further information, please telephone Information Services at 432-2463, or come to 352 General Services Building.

Introduction to Computing at the U of A

Course number: 761. Date: 7 September. Time: 11 a.m. to 1 p.m. Fee: \$10.

Prerequisites: No previous computing experience, but familiarity with a keyboard is required. Place: 351 GSB.

MTS and Editor Fundamentals

Course number: 782. Date: 8, 10 September.

Time: 11 a.m. to 1 p.m. Fee: \$15.

Prerequisites: "Introduction to Computing" or equivalent working knowledge of a DECwriter terminal and the MTS system. Place: 351 GSB.

AJ510 Operation and Visual Editing

Course number: 803. Date: 7, 9 September. Time: 11 a.m. to 1 p.m. Fee: \$15.

Prerequisites: "MTS and Editor Fundamentals" and a good working knowledge of the File Editor. Place: 357 GSB.

Courier Operation and Visual Editing

Course number: 811. Date: 14, 16 September. Time: 11 a.m. to 1 p.m. Fee: \$15.

Prerequisites: "MTS and Editor Fundamentals" and a good working knowledge of the File Editor. Place: 327 GSB.

MTS Overview

Course number: 815. Date: 7, 9 September.

Time: 11 a.m. to 1 p.m. Fee: \$15.

Prerequisites: "MTS and Editor Fundamentals." Place: 749A/327 GSB or

749A/357 GSB.

Introduction to Text Formatting

Course number: 831. Date: 7, 8, 10, 13, 15, 17 September. Time: noon to 2 p.m. Fee: \$25. Prerequisites: "MTS and Editor Fundamentals," "MTS Overview," and a good working knowledge of the File Editor. Place: 749A/351 GSB.

Alberta Microelectronics Centre

The following courses deal with Microprocessor Based Systems. Each course will be completed in 4 weeks and totals 30 hours. Each course, \$420; two or more courses, \$390 each. For further information, call Curtis Quigley at 432-3914.

Introduction to Microcomputers

Date: Starts 22 September.

Microprocessor Interfacing

Date: Starts 20 October.

Microprocessor Project

Date: Starts 17 November.

Surplus Equipment

The equipment appearing in this column is available only to University Departments with University Administered Funds. For further information about the purchase of equipment or the disposal of any of your department's surplus equipment, contact Bonnie O'Dwyer or Roy Bennett, telephone 432-3208.

- 1 — Fisher Water Bath.
 - 3 — Klett-Summerson Colorimeters.
 - 2 — Coleman 6/20 Junior II Spectrophotometers.
 - 5 — Spectronic 20 Spectrophotometers.
- Various sizes of test tubes, wire test tube racks, wooden test tube blocks, and safety cans for flammable liquids may also be purchased.
- For further information, please contact D. Ryan at 432-6601.

Notices

Badminton

The new season of the Faculty Badminton Club will begin on Wednesday, 22 September 1982 in the Education Gymnasium located at the west end of the Education Building which faces onto 87 Avenue. Hours of play are 7:30 to 10:30 p.m.

All faculty members and their spouses, as well as post-doctoral fellows are encouraged to participate in this informal group. Fees are \$8 per faculty member or spouse, and \$2 for post-doctoral fellows. Fees include the cost of birds. For further information, please contact: Tony Capri, 432-5502; Frans Louman, 464-9212; Arthur Blades, 439-5916.

German 200

The Department of Germanic Languages wishes to inform interested people that an evening section of German 200 will be offered in the winter session 1982-83. Further

information may be obtained from the Department (432-4144) or Special Sessions (432-3752).

Pre-retirement Seminar

Personnel Services and Staff Relations is pleased to announce its annual Pre-Retirement Seminar for Non-Academic Staff who are fifty-five years of age or over. This year's seminar will be held on Friday, 24 September from 7:30 to 10 p.m. and from 9 a.m. to 4:30 p.m. on Saturday, 25 September in the Map Room of Lister Hall.

Guest speakers will discuss such topics as federal-provincial pensions, legal matters, financial planning, health and ageing as well as others. The \$10 per person registration fee includes coffee, lunch, and reading materials. Registrations are limited and accepted on a first-come first-served basis. To register, and for further information, please telephone Robert Goldbeck at 432-5384.

Faculty Women's Club

The Faculty Women's Club will hold an Open House Tea for membership registration at University House, 116 Street and Saskatchewan Drive, on Saturday, 11 September from 1 to 4 p.m.

All members are cordially invited to attend.

The Roaring Game

The Faculty Curling League is accepting applications for the upcoming season. Curling will take place Tuesdays at 5 p.m. at the Royal Glenora. All levels of curling expertise are welcome. Contact Greg Morrison, 432-2206, or Allan Sarafinchan, 432-2203 for entry forms or further details. Curling begins 12 October.

Safety Seminar

The Fourth Annual Chemistry Department Safety Seminar, entitled "Safe Handling of Reactive Chemicals," will be held on Friday, 17 September in E1-60 Chemistry from 2 to 4:30 p.m. This year's seminar is being co-sponsored by the Occupational Health and Safety Division of the Alberta Government. The featured speaker is Leslie Bretherick, FRIC, who is the author of *Handbook of Reactive Chemical Hazards*. He has recently retired from his position with British Petroleum Ltd. and continues as a consultant on safety matters, having recently edited the third edition of the Chemical Society's book, *Hazards in the Chemical Laboratory*. For further information, contact Gordon Weir at 432-5346.

Changes Effectuated

The Office of the Dean, Faculty of Agriculture and Forestry, is now located in 2-14 Agriculture-Forestry Centre. The telephone number remains the same, 432-4931.

Faculte Saint-Jean has a new telephone number, said number being 468-1254.

Study and Writing Skills Workshops

An evening program to improve your academic skills will be conducted 8 and 9 September. Contact the Office of Student Affairs, Room 225, Athabasca Hall, 432-4145 for details.

Botanic Garden Club

Dried flower arrangements and materials are now on sale at the Botanic Garden Club's

Edmonton location, 11054 87 Avenue. The club is open every Tuesday and Wednesday from 10 a.m. to 3 p.m.

The club rooms at The University of Alberta Devonian Botanic Garden are also open. Special order flower arrangements will be constructed on request. For further information, call Kay, 434-1038; Louise, 436-2372; or Nonie, 434-3811.

Scholarships, Fellowships and Awards

Rhodes Scholarships for 1983

Eleven Rhodes Scholarships are now open for Canadian students and will be awarded late in November. Applications must be in by 25 October 1982. These scholarships are tenable at the University of Oxford, England, and the value is 10,000 pounds per year. They are granted for two years with the possibility of a third year. Scholars may follow courses of study of their own choice. They are required to go to Oxford in October of 1983.

Selection is made on the basis of school and college records without written examination. Qualities of both character and intellect are the most important requirements for a Rhodes Scholarship. Financial need does not receive special consideration.

Of the eleven scholarships, three are allotted to the Western Region (Manitoba, Saskatchewan, and Alberta).

A candidate must be an unmarried Canadian citizen or British subject and have been ordinarily resident in Canada for at least five years immediately preceding 1 October 1982; have been born between 2 October 1958 and 1 October 1964; have completed at least three years of university training by 1 October 1983.

Further information and application forms may be obtained from University Registrars; from the office of the General Secretary for the Rhodes Scholarships in Canada, P.O. Box 48, Toronto Dominion Centre, Toronto, Ontario M5K 1E6 (telephone 416-362-1812); or from the Provincial Secretaries.

Japanese Government (Monbusho) Scholarship

Donor: Ministry of Education, Science and Culture, Government of Japan. Where

tenable: At a Japanese university. Level: Graduate. Field: Humanities, Social Sciences and Natural Sciences. Value: 166,000 yen per month, plus transportation, plus 25,000 yen arrival allowance, plus 40,000 yen field study allowance, plus tuition paid. Number: Not specified. Duration: Two years from April, 1983 to March, 1985 or one and a half years from October, 1983 to March, 1985.

Conditions: Applicants must be Canadian citizens; must be under 35 years of age on 1 April 1983; must be university or college graduates; study area must be in the same field as the applicant has studied or a related one; must be willing to study the Japanese language and to receive instruction in the language; must be in good health mentally and physically; must be able to leave for and arrive in Japan between 1 and 10 April 1983 or between 1 and 10 October 1983. Closing date: 11 October 1982. Further information:

Further information and application forms should be requested from: Scholarship Programme, Embassy of Japan, 255 Sussex Drive, Ottawa, Ontario K1N 9E6.

The Lady Davis Fellowship Trust and Visiting Professorships

Donor: Lady Davis Fellowship Trust. Where tenable: Hebrew University of Jerusalem or at the Technion-Israel Institute of Technology, Haifa. Level: Post-doctoral, graduate, or professorial. Field: Variable. Value: Travel and tuition and to meet reasonable living expenses. Visiting Professorships grant includes a professional salary and travel cost. Number: Variable. Duration: One year. May be renewed for a second year and in special circumstances extended for a third year. Conditions: These Fellowships are open to candidates irrespective of race, creed, sex or nationality from any part of the world. In the selection of such Fellows priority shall be given, however, to suitability qualified candidates from Canada. Post-doctoral scholars must supply additional evidence of high professional qualification. Fellowships are for study on either the graduate or post-doctoral levels for research or teaching to be conducted at Hebrew University or the Technion. Closing date: 1 December 1982. Further information: Further information and application forms should be requested from: Student Awards Office, 252 Athabasca Hall, The University of Alberta, Edmonton, Alberta T6G 2E8; or Lady Davis Fellowship Trust, P.O. Box 1255, Jerusalem 91904 Israel.

The Jules and Gabrielle Leger Fellowship

Purpose: The Fellowship is awarded for research and writing on the history, role and functions of the Crown and the Governor General in a parliamentary democracy. Studies of the Office of Lieutenant Governor of the provinces are also eligible, as are studies of a comparative nature between Canada and other parliamentary democracies in the Commonwealth and elsewhere. Eligibility: One Fellowship is offered each year. Applicants must be Canadian citizens resident in Canada or abroad, of demonstrated competence in scholarship, who will be able to devote their full time for at least eight months to this research. Both university and private scholars are eligible. Value: \$20,000, plus a \$5,000 accountable allowance for research and travel costs. Place of tenure: Unrestricted. Deadline for application: 1 October 1982. Announcement: December. For further information, write to the Fellowships Division, Social Sciences and Humanities Research Council of Canada, Box 1610, 255 Albert Street, Ottawa, Ontario, K1P 6G4.

Positions Vacant

The University is an equal opportunity employer but, in accordance with Canadian Immigration requirements, these advertisements are directed to Canadian citizens and permanent residents.

Faculty Service Officer II, Department of Computing Science

Applications are invited for the position of Faculty Service Officer, Department of Computing Science. The Department of Computing Science is currently involved in an expansion to meet increased student enrolments.

The Faculty Service Officer reports to the Administrative Officer and would be primarily responsible for software development on departmental computers in support of teaching and research. Current computers include PDP11/45, PDP11/60, and a VAX11/780, all running UNIX and supporting a variety of terminals and color display systems. In addition, a number of mini- and micro-computers are utilized. Coordination and supervision of support staff is also an important function.

An MSc (minimum) in Computing Science, or related field, is required.

Salary range is \$27,720-\$39,820.

Applications, including a resume and the names of three (3) referees, should be sent, by 9 October 1982, to: Dr. W.A. Davis, Acting Chairman, Department of Computing Science, 615 General Services, The University of Alberta, Edmonton, Alberta, T6G 2H1.

Faculty Service Officer II, Faculty of Pharmacy and Pharmaceutical Sciences

The Faculty of Pharmacy and Pharmaceutical Sciences requires a Faculty Service Officer II for SLOWPOKE Nuclear Reactor. The individual will undertake development and application of reactor technology, particularly neutron activation analysis.

Applicants should be experienced in analytical techniques with an emphasis on modern instrumentation and computer operation. Duties include reactor operation and service analysis for on and off-campus parties. PhD or equivalent experience required. Appointment as early as 15 November 1982, with a current salary range beginning at \$27,000 per annum. Applicants should forward transcripts, curriculum vitae, and names of three references to: Dr. L.I. Wiebe, Professor and Chairman, University of Alberta SLOWPOKE Committee, Faculty of Pharmacy and Pharmaceutical Sciences, The University of Alberta, Edmonton, Alberta T6G 2N8 prior to 31 October 1982.

Non-Academic Positions

To obtain further information on the following positions, please contact Personnel Services and Staff Relations, 2-40 Assiniboia Hall, telephone 432-5201. Please do not contact the department directly. As positions are filled on an ongoing basis, these vacancies cannot be guaranteed beyond 27 August 1982.

Library Clerk I/II (Part-time/Term) (\$589-\$704) — Health Sciences Audiovisual Education
Clerk Typist II (Part-time/Recurring Term) (\$632-\$757) — Continuing Medical Education
Clerk Typist II (\$1,106-\$1,324) — Sociology
Senior Clerk (\$1,106-\$1,324) — Technical Services (Graphics Division)

Purchasing Clerk (\$1,232-\$1,487)
Extension
Clerk Steno III (Part-time)
(\$616-\$733) — Faculty of Medicine
Clerk Typist III (Term)
(\$1,232-\$1,487) — Housing and Food
Services
Library Assistant I (\$1,232-\$1,487)
— Extension Library
Clerk Steno III (\$1,232-\$1,487)
— Computing Science, Faculty of
Extension
Dental Assistant II (Trust) (\$1,324-\$1,616)
— Mobile Dental Clinic
Medical Steno (\$1,373-\$1,682)
— Psychiatry
Secretary (\$1,373-\$1,682)
— East Asian Languages and Literatures,
Mathematics
Administrative Clerk (\$1,373-\$1,682) —
Extension
Library Assistant II (\$1,373-\$1,682)
— Rural Economy
Library Assistant III (Part-time)
(\$11.09/hour) — Language Laboratories
Departmental/Executive Secretary
(\$1,548-\$1,908) — Native Affairs, Speech
Pathology and Audiology
Computer Assistant I (\$1,106 - \$1,324) —
Computing Services
Food Service Worker I
(\$1,106-\$1,324) — Housing and Food
Services
Food Service Worker II (Recurring Term)
(\$1,148-\$1,373) — Housing and Food
Services
Building Service Worker III
(\$1,373-\$1,682) — Physical Plant (Building
Services)
Equipment Assistant II
(\$1,373-\$1,682) — Physical Education and
Recreation
Electronics Technician I/II (Trust)
(\$1,487-\$2,078) — Animal Science
Maintenance Worker I (\$1,487-\$1,829)
— Physical Plant (Maintenance Division),
(Grounds)
Engineering Technologist I
(Systems Analyst) (\$1,487-\$1,829) —
Physical Plant (Energy Management)
Technologist I (Trust)
(\$1,616-\$1,992) — Medical Microbiology,
Immunology
Technician II/III (Trust)
(\$1,616-\$2,265) — Dentistry
Biochemistry Technologist I/II (Trust)
(\$1,616-\$2,265) — Biochemistry,
McEachern Laboratory
Applications Analyst
(\$1,754-\$2,171) — Physical Plant (Energy
Management)
Civil Engineering Technician III
(\$1,829-\$2,265) — Civil Engineering
Laboratory Technologist II
(\$1,908-\$2,368) — Provincial Laboratory
Technologist II/III (Trust)
(\$1,829-\$2,581) — Pediatrics
Fire Safety Technician
(\$1,908-\$2,368) — Occupational Health
and Safety
Engineering Technologist III
(Telecommunications Analyst) (\$1,908-
\$2,368) — Physical Plant
(Telecommunications)
Biology Technologist III
(\$2,078-\$3,085) — Genetics
Programmer/Analyst III (Trust)
(\$2,472-\$3,085) — Computing Science
Programmer/Analyst IV
(\$2,951-\$3,697) — Physical Plant (Energy
Management)

The following is a list of currently available positions in The University of Alberta Libraries. The bulletin board in Cameron Library, Room 512, should be consulted for further information as to availability and position requirements.

Library Clerk II (\$1,106-\$1,324)
— Circulation (Cameron), Circulation
Services
Library Clerk III (\$1,232-\$1,487)
— Periodicals and Microform Centre,
Reference (Rutherford North), Science
Library
Library Assistant I (\$1,232-\$1,487)
— Serials Unit Cataloguing, Bibliographic
Verification, Cataloguing, Acquisitions
Library Assistant II (\$1,373-\$1,682)
— Government Publications, Periodicals
and Microform Centre

Advertisements

Advertisements must reach the Editor by 3 p.m. on the Thursday prior to publication date which date also serves as the deadline for cancellation of advertisements. The cost of placing advertisements is 30 cents per word with no discount for subsequent insertions. There are no refunds. There is a maximum limit of 30 words and a minimum charge of \$1.50. Contributors' corrections will be assessed at \$1.50 for each line in which an alteration is made. Advertisements cannot be accepted over the telephone.

Accommodations available

For sale — 1,400 sq. ft. University area home, large kitchen, three bedrooms, basement developed, double garage, large lot. Asking \$127,000 with \$87,000 mortgage at 15½%. 436-7425.
For rent — 1 January — 28 Dec. 1983.
Two bedroom bungalow in Pleasantview. 435-2027, 432-3530.
For sale — Belgravia. Three bedroom bungalow, renovated throughout, hardwood floors, custom kitchen and bath, finished basement, garage. 11527 72 Ave. Phone 437-7632.
For sale — Scona mansion.
3,000 sq. ft., solid brick, huge lot. Provincial grant available. \$50,000 down. Goetz 439-0035, 436-1134. Crescent Realty.
For sale or lease — Two bedroom condominium in brick building. Two blocks from campus. Appliances, underground parking, pool, security. Liz Crookford 436-5250. Spencer Real Estate.
For sale — ¼ section with new A-frame cabin. Lovely secluded setting, 55 miles N.E. Asking \$84,900. Vince 998-7801, 998-9182 (evenings). Melton's.
Beautiful, 10 acres with cabin, 16 miles S.W. Offers 436-5632.
Underground, heated, parking stall, one block to U of A. \$50/month. 436-4428.
Saleable — Claridge House. 11027 87 Ave. Two bedroom condominium, south balcony, two underground parking, laundry in apartment. Consider interest buy down. Maxine Tipper 435-7103, Pat Anholt 436-1559, Langley Realty 436-3050 (paggers).

For sale — By owner. Three bedroom condominium. Mortgage 10%. \$48,200 until 1984. Fireplace, stove, fridge, dishwasher. Quiet backyard on green belt. Two parking plugs. University busline. Extra features. 436-2855.
For rent — Three bedroom house.
Walking distance University. 439-5343.
For sale — Completely renovated, two-storey. 107 St. & 80 Ave. Three bedrooms, large dining room, kitchen plus kitchenette, den, patio doors onto large deck. Must see, call Custom Real Estate 433-1468, 466-1347.
For rent — Executive home in Westend. 2,300', four bedrooms, 2½ baths, double attached garage, large pie-shaped lot. \$1,450/month. Available immediately. 484-7075.
For sale — On top of The Valley. Three bedroom bungalow. Large, living room facing park, city skyline. Fifteen minutes University area. Price \$153,500. Gladys Schuler 436-5250, 423-0718. Spencer Real Estate.
To share — Apartment, with female graduate student, \$154 per month, including utilities. Near bus connections. Call 435-0753.
For rent — One bedroom suite, fully furnished. Walk to University. \$220 including utilities, laundry facilities. Non-smoker. 435-6876.
Share — Professional male (mid-thirties) has three bedroom home to share, Spruce Grove 962-0053.
For sale — University. Three blocks, two homes with good suites, double garages, large lots and good financing. Also another bungalow with suite for \$84,000. Chris Tenove 436-5250, 433-5664. Speacer.
For sale — Two bedroom condo. 10135 116 St. Pool, sauna. 230-8891 Calgary.
For rent — Luxurious condominium near shopping, school, University. Phone 436-7656.
Office space for lease — 640' \$400 plus utilities; two 75' offices, \$75 each. Whyte Ave.-104 St. 432-1280 evenings.

Accommodations wanted

Parking space/garage wanted,
Windsor Park area. 435-7126 after 6 p.m.

Automobiles and others

1968 Volkswagen "Bus."
Phone 451-3872.
B.M.W. 1979 733i, sunroof, air conditioning, 60,000 km. 451-1011, 455-2444.
1978 Honda 750 Windkutter,
\$1,800, offers? 962-0053.

Goods for sale

Antiques evaluated for insurance, family division, dispersal, moving, estate liquidation. For sale; books, silverware, ivory and curios. Mary Goulden Antiques L.A.P.A.D.A. 10437-142 Street, 451-6320.
Quasar VH5300 portable 6 hour VHS, Still, Slomo, 2 batteries, 2 week timer/tuner/AC, \$1,200, Rick 432-3926, 437-6955.
Tender Alberta lamb, cut, wrapped and delivered. \$2.35/pound. Write or phone Western Sunset Farm, RR2 Bluffton, TOC 0M0. 843-3494 (between 8 p.m. and 8 a.m.)
R.C.A. color television, \$195. Call 439-3531.
For sale — Yamaha grand piano, model G2. Satin ebony finish. Immaculate condition. \$9,500. 696-3546 evenings.

Services

Donnic Word Processing. Specializing in theses, etc. 8315A-105 St. 432-1419.
Singing teacher, Eileen Turner 439-4661.
General Carpentry Work — Renovations. 434-9709 evenings.
Piano, theory lessons. Western Board. Robert Gariepy 433-7238.
Windsor Park Playschool has vacancies for preschoolers. Information 425-9603, 433-8141.
Experienced piano teacher and ARCT student. Lessons starting Sept. Phone 484-7614 after 5 p.m.
Piano tuition for all grades and all ages. University area. Mrs. R. Meilen L.R.A.M. 436-2587.
Will do housework by the hour. Reasonable. 489-0604.
Aquisizes: Save those aching joints. Do your exercising in the water. Non-swimmers welcome. Contact West pool 432-3570 for details or register at the West Pool Office. W1-75 P.E. Bldg.
Relaxersices: A good beginning for or maintenance of an activity program. Relaxed stretching and working of the body. Contact Valerie Sherwood Kennedy (432-0072) concerning details.
Springhill Nursery School, Edmonton's oldest parent co-operative nursery school now in Allendale School, 6415 106 St. Carefully developed program for ages two to five. Call 466-9455 or 462-1511. (Not daycare).
It's fall wardrobe time — Custom dressmaking, tailoring, alterations. No patterns needed. Shirley DeChamplain 11337-79 Ave. 437-3016.
Church organist required, Garneau United Church, 84 Avenue 112 Street. 439-2501, 432-4921.

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